Amendments to the Claims

1. (Currently Amended) A method of operating a bandwidth boost system for use in a communication device, the method comprising:

receiving a transmit request from a client over a wireline communication path for a first data set and a second data set wherein the wireline communication path extends from the client to an internet service provider;

processing the transmit request to generate first transmit instructions and second transmit instructions;

transmitting the first data set to the client over the wireline communication path based on the first transmit instructions; and

establishing a wireless communication path with the client based on the second transmit instructions and transmitting the second data set to the client over the wireless communication path based on the second transmit instructions wherein the wireless communication path extends from the client to a cell site coupled to a mobile telephone switching office further coupled to the internet service provider.

2. (Original) The method of claim 1 further comprising transmitting the first data set to the client over the wireline communication path and transmitting the second data set to the client over the wireless communication path concurrently.

3. (Original) The method of claim 1 wherein processing the transmit request to generate the first transmit instructions and the second transmit instructions comprises processing the transmit request to select the wireless communication path for transmission of the second data set to the client based on quality of service.

4. (Original) The method of claim 1 wherein processing the transmit request to generate the first transmit instructions and the second transmit instructions comprises processing the transmit request to select the wireless communication path for transmission of the second data set to the client based on the size of the second data set.

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5. (Original) The method of claim 1 further comprising generating a data request for the first data set and the second data set in response to receiving the transmit request, transmitting the data request to a network, and receiving the first data set and the second data set from the network in response to the data request.

6. (Original) The method of claim 1 wherein the second data set comprises a streaming video.

7. (Original) The method of claim 1 wherein the second data set comprises an Internet radio feed.

8. (Original) The method of claim 1 further comprising generating billing records based on transmissions over the wireline communication path and the wireless communication path.

9. (Original) The method of claim 1 further comprising storing configuration information for the client and processing the configuration information to generate the second transmit instructions.

10. (Canceled)

11. (Canceled)

12. (Canceled)

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13. (Currently Amended) A bandwidth boost system for use in a communication device, comprising:

a control system configured to receive a transmit request for a first data set and a second data set, process the transmit request to generate first transmit instructions and second transmit instructions, and transfer the first data set, the second data set, the first transmit instructions and the second transmit instructions;

a wireline transfer system configured to receive the transmit request from a client over a wireline communication path, transfer the transmit request to the control system, receive the first data set and the first transmit instructions from the control system, and transmit the first data set to the client over the wireline communication path based on the first transmit instructions wherein the wireline communication path extends from the client to an internet service provider; and

a wireless transfer system configured to receive the second data set and the second transmit instructions from the control system, establish a wireless communication path with the client based on the second transmit instructions, and transmit the second data set to the client over the wireless communication path based on the second transmit instructions wherein the wireless communication path extends from the client to a cell site coupled to a mobile telephone switching office further coupled to the internet service provider.

14. (Original) The bandwidth boost system of claim 13 wherein the wireline transfer system is configured to transmit the first data set to the client over the wireline communication path concurrently as the wireless transfer system transmits the second data set to the client over the wireless communication path.

15. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to process the transmit request to select the wireless communication path for transmission of the second data set to the client based on quality of service.

16. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to process the transmit request to select the wireless communication path for transmission of the second data set to the client based on the size of the second data set.

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17. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to generate a data request for the first data set and the second data set in response to receiving the transmit request, transmit the data request to a network, and receive the first data set and the second data set from the network in response to the data request.

18. (Original) The bandwidth boost system of claim 13 wherein the second data set comprises a streaming video.

19. (Original) The bandwidth boost system of claim 13 wherein the second data set comprises an Internet radio feed.

20. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to generate billing records based on transmissions over the wireline communication path and the wireless communication path.

21. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to store configuration information for the client and process the configuration information to generate the second transmit instructions.

22. (Canceled)

23. (Canceled)

24. (Canceled)

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